HARBOR FREIGHT TOOLS Quality Teols at Bidloufously Low Prices

# SAFETY DATA SHEET

Page 1 of 5 **HFT-65929** 

	-	1.	PRODUC	T & COM	PANY	IDENTI	FICATI	ON				
.1	Product Name:	MEDIU	M GRADE	ARMEX®	BLAS	T MEDI	Α					
.2	Chemical Name:	Sodium Bica	arbonate									
3	Synonyms:	P/N 65929										
4	Trade Names:	Armex®										
5	Product Uses & Restrictions:	Blast media										
.6 .7	Distributor's Name: Distributor's Address:		ght Tools USA, I									
8	Emergency Phone:	Ŭ	ra Road, Calab			1 424 020		676697	7)			
.9	Business Phone / Fax:		EC: +1 (703)	521-30011	+1 (000	) 424-930		0/000/	)			
	Dusiness Filone / Fax.	+1 (805) 388	6-1000									
			2. H	AZARDS I	DFNT	IFICATI	ON					
.1	Hazard Identification:	This product	t is classified as						005 a	accordi	na	
		Classificatio Hazard State Precautiona well-ventilate for breathing well-ventilate	MAY CAUSE F <u>n</u> : STOT SE 3 <u>ements</u> (H): H33 <u>ry Statements</u> ( ed area. P304+ g. P312 – Call a ed place. Keep intainer to an ap	35 – May cause P): P261 – Avo P340 – IF IHNA a POISON CEN container tightl	respirato oid breath ALED: Re ITER/doc ly closed.	ry irritation. hing dust. F move persor tor if you fee P405 – Sto	n to fresh a I unwell.	ir and ke P403+P2	ep cor 33 – S	mfortat Store ir	ole n a	
		3. 0			JKEUI							
						ACGIH	NO	(POSURE L ISC		OSHA	ig/m <sup>*</sup> )	
						ppm	pp			ppm		
	/ICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV STEL	ES- ES TWA ST		PEL	STEL	IDLH	OTHER
	• •	NA	NA	NA	60-100	NA NA	NF N		NA	NA	NA	OTTIER
	IUM BICARBONATE MIXTUF	144-55-8	VZ0950000	205-633-8	60-100	NA NA	NF N	F NF	NA	NA	NA	
			1	FIRST AI								
1.1	First Aid:	Ingestion:		lo not induce v				Poison	Contr		tor or	local omorgon
		ingestion.										IUCAI EINEIGEN
				ovide an estima at was swallowe	ate of the							
		<u>Eyes</u> :	substance tha If product is ir close eyelid(s	at was swallowe in the eyes, flush ) to ensure thore	ate of the d. n with cop ough irrig	ious amount ation. If prol	iich the m ts of lukew blem persi	aterial w arm wate sts, conse	as ing er for a ult a pl	jested at least hysicia	and th 15 mii n.	ne amount of th nutes. Open ar
		<u>Eyes</u> : <u>Skin</u> :	substance tha If product is ir close eyelid(s If redness, dr	at was swallowe in the eyes, flush ) to ensure thore yness or other s	ate of the d. n with cop ough irrig signs of i	ious amount ation. If prol ritation to th	iich the m ts of lukew blem persi ie skin dev	aterial w varm wate sts, consi velop, wa	as ing er for a ult a pl	jested at least hysicia	and th 15 mii n.	ne amount of th nutes. Open ar
		<u>Skin</u> :	substance tha If product is ir close eyelid(s If redness, dr warm water a	at was swallowen the eyes, flush ) to ensure thore yness or other s nd soap. If irrita	ate of the d. n with cop ough irrig signs of in ation pers	ious amount ation. If prol ritation to th	iich the m ts of lukew blem persi ie skin dev	aterial w varm wate sts, consi velop, wa	as ing er for a ult a pl	jested at least hysicia	and th 15 mii n.	ne amount of th nutes. Open ar
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	Effects of Exposure:	<u>Skin</u> : Inhalation: Ingestion:	substance tha If product is ir close eyelid(s If redness, dr warm water a <u>Remove victir</u> If product is s large amounts	at was swallowen the eyes, flush ) to ensure thore yness or other s nd soap. If irrita <u>n to fresh air at</u> swallowed (1-2 s may cause sev	ate of the d. n with cop ough irrig signs of in ation pers once. tablespoo	time at wh ious amount ation. If prol rritation to th ists, consult on full) may	ich the m ts of lukew blem persi e skin dev a physicia cause nau	aterial w varm wate sts, const velop, wa n. usea and	as ing er for a ult a pl sh affe abdor	ested at least hysicia ected s minal c	and th 15 min n. skin are liscomf	ne amount of t nutes. Open ar eas with plenty
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	Effects of Exposure:	<u>Skin</u> : <u>Inhalation:</u> <u>Ingestion</u> : <u>Eyes:</u> <u>Skin:</u>	substance tha If product is ir close eyelid(s If redness, dr warm water a <u>Remove victir</u> If product is s large amounts Slightly irritatin May be irritati	at was swallowen the eyes, flush ) to ensure thore yness or other s nd soap. If irrita <u>n to fresh air at</u> swallowed (1-2 s may cause sev ng to the eyes. ng to skin in sor	ate of the d. a with cop ough irrig signs of in ation pers once. tablespoor vere irrita me sensit	time at wh ious amount ation. If prol rritation to th ists, consult on full) may tion of mouth	hich the m ts of lukew blem persi e skin dev a physicia cause nau n, throat, e ls, especia	aterial w varm wate sts, consi velop, wa n. usea and sophagus	as ing er for a ult a pl sh affe abdor s, and prolong	ested at least hysicia ected s minal c stomad	and th 15 min skin are liscomf ch.	ne amount of the nutes. Open ar eas with plenty fort. Ingestion
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4.2 4.3 1.4 4.5 4.5 4.6 4.7	Symptoms of Overexposure: Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Ingestion: Eves: Skin: Inhalation: Symptoms of Non-irritating concentratio soreness in Non-irritating Skin, respira	substance tha If product is ir close eyelid(s If redness, dr warm water a Remove victir If product is s large amounts Slightly irritatii May be irritatii Inhalation is individuals. of overexposure g when used a ons of dust can throat, nose and g when used as	at was swallowen the eyes, flush ) to ensure thore yness or other s nd soap. If irrita <u>n to fresh air at</u> swallowed (1-2 s may cause sev ng to the eyes. ng to skin in sor unlikely; howe <u>may include re-</u> s directed. Mo cause coughing <u>d respiratory trac</u> <u>directed. Possi</u>	ate of the d. n with cop ough irrig signs of in ation pers once. tablespoo vere irrita me sensit ever, vap dness, itc oderate i g, wheez ct. ible allerg	time at wh ious amount ation. If prol rritation to th ists, consult on full) may tion of mouth tion of mouth ive individua ors of this hing, and irri rritation to e ing, shortnes	ich the m ts of lukew blem persi e skin dev a physicia cause nau cause nau cause nau n, throat, e ls, especia product r itation. eyes and ss of brea in some s	aterial w arm wate sts, consu- relop, wa n. usea and sophagus sophagus sophagus skin nea th, impai	as ing er for a ult a pl sh affe abdor s, and prolong slightly r affeo red pu	ested at least hysicia ected s minal c stoma ged con / irritat	and th 15 min n. kin are discomf ch. ntact. ting to reas.	ne amount of the nutes. Open an eas with plenty fort. Ingestion some sensitive Additionally, his
I.2 I.3 I.4	Symptoms of Overexposure: Acute Health Effects: Chronic Health Effects: Target Organs:	Skin: Inhalation: Ingestion: Eves: Skin: Inhalation: Symptoms of Non-irritating concentratio soreness in Non-irritating Skin, respira	substance tha If product is ir close eyelid(s If redness, dr warm water a Remove victir If product is s large amounts Slightly irritatii May be irritatii Inhalation is individuals. of overexposure g when used a ons of dust can throat, nose and g when used as atory system	at was swallowen the eyes, flush ) to ensure thore yness or other s nd soap. If irrita <u>n to fresh air at</u> swallowed (1-2 s may cause sev ng to the eyes. ng to skin in sor unlikely; howe <u>may include re-</u> s directed. Mo cause coughing <u>d respiratory trac</u> <u>directed. Possi</u>	ate of the d. n with cop ough irrig signs of in ation pers once. tablespoo vere irrita me sensit ever, vap dness, itc oderate i g, wheez ct. ible allerg	time at wh ious amount ation. If prol rritation to th ists, consult on full) may tion of mouth tion of mouth ive individua ors of this hing, and irri rritation to e ing, shortnes	ich the m ts of lukew blem persi e skin dev a physicia cause nau cause nau n, throat, e ls, especia product r itation. eyes and ss of brea in some s	aterial w arm wate sts, consu- relop, wa n. usea and sophagus lily after p nay be skin nea th, impai ensitive i	as ing er for a ult a pl sh affe abdor s, and prolong slightly r affeo red pu ndividu	at least hysicia ected s minal c stomac ged con / irritat cted ar ilmona	and th 15 min n. kin are discomf ch. ntact. ting to reas.	ne amount of the nutes. Open an eas with plenty fort. Ingestion some sensitive Additionally, history. Irritation
2 3 4	Symptoms of Overexposure: Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Ingestion: Eves: Skin: Inhalation: Symptoms of Non-irritating concentratio soreness in Non-irritating Skin, respira	substance tha If product is ir close eyelid(s If redness, dr warm water a Remove victir If product is s large amounts Slightly irritatii May be irritatii Inhalation is individuals. of overexposure g when used a ons of dust can throat, nose and g when used as atory system	at was swallowen the eyes, flush ) to ensure thore yness or other s nd soap. If irrita <u>n to fresh air at</u> swallowed (1-2 s may cause sev ng to the eyes. ng to skin in sor unlikely; howe <u>may include re-</u> s directed. Mo cause coughing <u>d respiratory trac</u> <u>directed. Possi</u>	ate of the d. n with cop ough irrig signs of in ation pers once. tablespoo vere irrita me sensit ever, vap dness, itc oderate i g, wheez ct. ible allerg	time at wh ious amount ation. If prol rritation to th ists, consult on full) may tion of mouth tion of mouth ive individua ors of this hing, and irri rritation to e ing, shortnes	ich the m ts of lukew blem persi e skin dev a physicia cause nau n, throat, e ls, especia product r itation. eyes and ss of brea in some s	aterial w varm wate sts, consu- relop, wa n. usea and sophagus ully after p nay be skin nea th, impai <u>ensitive in</u>	as ing er for a ult a pl sh affe abdor s, and prolong slightly r affec red pu ndividu	at least hysicia ected s minal c stomac ged cor / irritat cted ar ilmona uals	and the second s	ne amount of the nutes. Open an eas with plenty fort. Ingestion some sensitive Additionally, highting. Irritation
.2	Symptoms of Overexposure: Acute Health Effects: Chronic Health Effects: Target Organs: Medical Conditions	Skin: Inhalation: Ingestion: Eves: Skin: Inhalation: Symptoms of Non-irritating concentratio soreness in Non-irritating Skin, respira	substance tha If product is ir close eyelid(s If redness, dr warm water a Remove victir If product is s large amounts Slightly irritatii May be irritatii Inhalation is individuals. of overexposure g when used a ons of dust can throat, nose and g when used as atory system	at was swallowen the eyes, flush ) to ensure thore yness or other s nd soap. If irrita <u>n to fresh air at</u> swallowed (1-2 s may cause sev ng to the eyes. ng to skin in sor unlikely; howe <u>may include re-</u> s directed. Mo cause coughing <u>d respiratory trac</u> <u>directed. Possi</u>	ate of the d. n with cop ough irrig signs of in ation pers once. tablespoo vere irrita me sensit ever, vap dness, itc oderate i g, wheez ct. ible allerg	time at wh ious amount ation. If prol rritation to th ists, consult on full) may tion of mouth tion of mouth ive individua ors of this hing, and irri rritation to e ing, shortnes	hich the m ts of lukew blem persi- le skin dev a physicia cause nau cause nau cau cau cause nau cause naus	aterial w arm wate sts, consi relop, wa n. isea and sophagus illy after p nay be skin nea th, impai ensitive in EALTH LAMMA	as ing er for a ult a pl sh affe abdor s, and prolong slightly r affec red pu ndividu	at least hysicia ected s minal c stomac ged cor / irritat cted ar ulmona uals	and the second s	ne amount of t nutes. Open ar eas with plenty fort. Ingestion o some sensitiv Additionally, hi ction. Irritation

HARBOR FREIGHT TOOLS

9.11 Relative Density:

1.0 approximate

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 12/24/2015

торс		OTISE, WHIMIS, 2001/30 & 1272/2000/1			ODURC	//3/011: 1:0		ODOINC		10. 12/24/2010
		5 FIRE	FIGHTING							
5.1	Fire & Explosion Hazards:	This product is non-flammable. decomposition products such as smoke.	When expos	sed to hig	n tempera	tures, may	y produ ogen (e	ce haz e.g., NC	ardous ) <sub>x</sub> ) and	
5.2	Extinguishing Methods:	Water, Foam, CO2, Dry Chemica								
5.3	Firefighting Procedures:	First responders should wear e equipment and MSHA/NIOSH-a runoff water from entering storm necessary, rinse contaminated en	eye protection pproved self-c drains, bodies	ontained to of water, of	oreathing a	apparatus. vironmenta	If pos ally sens	sible, p sitive ar	prevent	
		6 ACCIDEN		FASE	MEASI	IRES				
6.1	Spills:	6. ACCIDENTAL RELEASE MEASURES Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Prot Equipment.								
		For <u>small spills</u> (e.g., <1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. For <u>large spills</u> ≥ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and							ce into appropriate gulations. Wash all inated clothing and material (e.g., sand ontainers for proper	
		cleaning runoffs out of drains, mu	nicipal sewers	and open	bodies of v	water.				
		7. HANDLING	& STOR	AGE IN	FORM	ATION				
7.1	Work & Hygiene Practices:	Avoid eye contact.								
7.2	Storage & Handling:	Use and store in a cool, dry, we unmarked containers or storage							o not s	tore in damaged or
7.3	Special Precautions:	Spilled material may present a sli								
		8. EXPOSURE CONT	ROLS &	PERSO		PROTE	СТІС	N		
8.1	Exposure Limits:		ACGIH		NOHSC			OSHA		OTHER
	ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	STE TLV L	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
8.2	Ventilation & Engineering Controls:	NA The use of mechanical dilution vero occupational exposure limits, whi (up to 38°C) or is agitated. Whe vapors	enever this ma	aterial is us	ed in a co	onfined spa	ace, is h	eated a	above n	ormal temperatures
8.3	Respiratory Protection:	No special respiratory protection instances where dust or vapors of use only protection authorized Canadian CAS Standard Z94.4- States, or Australia.	of this product by 29 CFR §	are generation 1910.134,	ated, and applicable	respiratory U.S. Sta	protect te regu	tion is r lations,	or the	
8.4	Eye Protection:	Safety glasses equipped with sid use. Wear goggles and/or face s shield if material is heated above	hield if splashi	ing or spra	ying is ant	icipated. W	Vear gog	ggles a		•
8.5	Hand Protection:	Use gloves constructed of chem frequent or prolonged contact is e	ical resistant i	,					ubber if	
8.6	Body Protection:	Avoid prolonged and/or repeated neoprene or Tyvek®) if splashin include long-sleeves, apron, boot	d skin contact	g condition	s are pres					
		9. PHYSICAL	& CHEM		ROPE	RTIES				
9.1	Appearance:	White crystalline powder								
9.2	Odor:	None								
9.3	Odor Threshold:	NA								
9.4	pH:	8.2 (1% solution v/v)								
9.5	Melting Point/Freezing Point:	NA								
9.6	Initial Boiling Point/Boiling Range:	NA								
9.7	Flashpoint:	NA								
9.8	Upper/Lower Flammability Limits:	NA								
9.9	Vapor Pressure:	NA								
9.10	Vapor Density:	NA								

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SDS Revision: 1.0

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		9. PHYSICAL & CHEMICAL PROPERTIES – cont'd
9.12	Solubility:	8.6 g/100 ml @ 68 °F
9.12	Partition Coefficient (log Pow):	
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	NA
0		
		10. STABILITY & REACTIVITY
10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon and nitrogen.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat and direct sunlight.
10.5	Incompatible Substances:	None known.
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: NO Absorption: YES Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product but is not presented in this document.
11.3	Acute Toxicity:	See section 4.4
11.4	Chronic Toxicity:	See section 4.5
11.5	Suspected Carcinogen:	No.
11.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to produce teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to produce reproductive effects in humans.
11.7	Irritancy of Product:	See section 4.3
11.8	Biological Exposure Indices:	NE
11.9	Physician Recommendations:	Treat symptomatically.
		12. ECOLOGICAL INFORMATION
12.1	Environmental Stability:	There are no specific data available for this product.
12.1	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product.
		13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial & local regulations.
13.2	Special Considerations:	NA
		14. TRANSPORTATION INFORMATION
		nber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional e required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.
14.1	49 CFR (GND):	NOT REGULATED
14.2	IATA (AIR):	NOT REGULATED
14.3	IMDG (OCN):	NOT REGULATED
14.4	TDGR (Canadian GND):	NOT REGULATED
14.5	ADR/RID (EU):	NOT REGULATED
14.6	SCT (MEXICO):	NOT REGULATED
14.7	ADGR (AUS):	NOT REGULATED
	. , ,	

HARBOR FREIGHT TOOLS

# SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 12/24/2015

		15. REGULATORY I	NFORMATION						
15.1	SARA Reporting Requirements:	This product does not contain any substances sul	bject to SARA Title III, section 313 reporting requirements.						
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.							
15.3	TSCA Inventory Status: The components of this product are listed on the TSCA Inventory.								
15.4	CERCLA Reportable Quantity (RQ): NA								
15.5	Other Federal Requirements:	This product contains petroleum distillates and ma	his product contains petroleum distillates and may be subject to regulation by CWA.						
15.6	Other Canadian Regulations:	all of the information required by the CPR. T	This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.						
15.7	State Regulatory Information: No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (NN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).								
15.8	Other Requirements:	The primary components of this product are not li	isted in Annex I of EU Directive 67/548/EEC:						
			ensitization by skin contact. <u>Safety Phrases</u> (S): 2- d contact with eyes. In case of contact with eyes, nedical advice.						
		16. OTHER INFO	ORMATION						
16.1	Other Information:	ventilated area. IF IHNALED: Remove persor	<b>RITATION.</b> Avoid breathing dust. Use only outdoors or in a well- n to fresh air and keep comfortable for breathing. Call a POISON – Store in a well-ventilated place. Keep container tightly closed. Store EN.						
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.							
16.3	Disclaimer:	government regulations must be reviewed for an Tools USA, Inc.'s knowledge, the information accuracy, suitability or completeness is not guara provided. The information contained herein rela	SHA's Hazard Communication Standard, 29 CFR §1910.1200. Other oplicability to this product. To the best of ShipMate's & Harbor Freight contained herein is reliable and accurate as of this date; however, anteed and no warranties of any type, either expressed or implied, are ates only to the specific product(s). If this product(s) is combined with be considered. Data may be changed from time to time. Be sure to						
16.4	Prepared for:	Harbor Freight Tools USA, Inc. 26541 Agoura Road Calabasas, CA 91302 USA Tel: +1 (805) 388-1000 http://www.harborfreight.com	HARBOR FREIGHT TOOLS Quality Tools at Ridiculously Low Prices						
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com							

## SAFETY DATA SHEET

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SDS Revision: 1.0

SDS Revision Date: 12/24/2015

## **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### **GENERAL INFORMATION:**

CAS No. Chemical Abstract Service Number 

EXPOSURE	LIMITS IN AIR:
ACGIH	American Conference on Governmental Industrial Hygienists
С	Ceiling Limit
ES	Exposure Standard (Australia)
IDLH	Immediately Dangerous to Life and Health
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
FIRST AID M	EASURES:

Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood CPR and provide oxygen to the body.

HMIS	HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:									
0	Minimal Hazard		HEALTH							
1	Slight Hazard		FLAMMABILITY							
2	Moderate Hazard		PHYSICAL HAZARDS							
3	Severe Hazard		PERSONAL PROTECTION							
4	Extreme Hazard									

## PERSONAL PROTECTION RATINGS:

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D	B		E T		J	0		Î		
Е			$\bigcirc$		κ			R		
F			E T		Х			pervisor o direction		
Sa	fety Glasse	es	Splash G	oggles		e Shield 8 tive Eyew		Gloves		
	Boots		Synthetic Apron			tive Cloth	ing	Dust Res	pirator	
			8					Ť		
Full I	ace Respi		Dust & Va Mask Res			ull Face espirator		irline Hoo or SC		
отн	ER STAN			-					-	
	ML	Maximu	ım Limit							
	mg/m3	milligrar	ms per cut	oic meter						
	NA	Not Ava	ilable							
	ND	Not Det	ermined							
	NE	Not Esta	ablished							
	NF	Not Fou	ind							
	NR	No Res	ults							

NE	Not Established					
NF	Not Found					
NR	No Results					
ppm	parts per million					
SCBA	Self-Contained Breathing Apparatus					
NATIONAL FI	RE PROTECTION ASSOCIATION: NFPA					
FLAMMABILI	TY LIMITS IN AIR:					
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition					
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source					

Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD	RATING	S:			_				
(	0 Minima	al Hazard			FL	AMMABILITY	•		
	1 Slight	Hazard					REA	ACTIVITY	
		ate Hazaro	t			<u> </u>		/	
		Hazard							
		ne Hazard				<1	2		
ACE						X		/	
AL	-						W Y		
COF					HE				
		o Water					SP SP	ECIAL	
0)		-					PR	ECAUTIONS	
TREFOII TOXICOL									
				olids & lio	quids) whi	ich kills 50%	of the expos	ed animals	
	L	C <sub>50</sub> Let	hal concent	tration (ga	ases) whic	h kills 50% o	f the expose	d animal	
	ĸ	opm Co	ncentration	expresse	d in parts	of material p	er million pa	rts	
		TD <sub>Io</sub> Lov	vest dose to	o cause a	symptom	l .			
	Т	CLo Lov	vest concer	ntration to	cause a	symptom			
	LD <sub>io</sub> , & LD ; <sub>o</sub> , LC <sub>io</sub> , &		west dose (o	or concen	tration) to	cause lethal	or toxic effe	cts	
	14	ARC Inte	ernational A	gency for	Research	n on Cancer			
	1	NTP Nat	tional Toxic	ology Pro	gram				
	RTE	ECS Reg	gistry of To	kic Effects	s of Chem	ical Substand	ces		
			concentrati	on Factor					
		TL <sub>m</sub> Me	dian thresh	old limit					
log K	K <sub>ow</sub> or log	K <sub>oc</sub> Co	efficient of (	Dil/Water	Distributio	n			
REGULA	TORY IN	FORMAT	FION:						
WHMIS		ian Workp	lace Hazaro	dous Mate	erial Inforr	mation Syster	n		
DO	T U.S. D	epartment	of Transpo	ortation					
т		ort Canad							
EPA			tal Protection		у				
DSI	-		stic Substar						
NOHSO						nission (Austi	ralia)		
NDSI			omestic Su		list				
PSI			/ Substance						
TSCA			ance Contr						
EL			(European			,			
WGł	-	-	-			azard Class)	Identification	Custom	
			-			us Materials		-	
0	۲			)(	T			R	
Class A	Class B	Class	C Class	s D1 C	Class D2	Class D3	Class E	Class F	
ompressed	Flammable		-	kic I	rritation	Infectious	Corrosive	Reactive	
EC (67/54	8/EEC) I	NFORMA	A FION:					1	
<mark>}</mark> *¶		N	, ¥		0	<b>*</b>	×	×	
С	Е	F	N	I	0	т	Xi	Xn	
Corrosive	Explosive	Flamma			Dxidizing	Toxic	Irritant	Harmful	
CLP/GHS	(1272/20	008/EC) I	PICTOGR	AMS:			-	-	
	$\mathbf{\wedge}$								

			$\diamondsuit$			$\diamond$		
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

0	wiiniina nazaru
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
₩	Use No Water
ох	Oxidizer
TREFOIL	Radioactive
TOXICOLO	GICAL INFORMATION:

WORKFL	WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) STSTEM:								
$\oslash$	۲	٨	$\textcircled{\begin{subarray}{c} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	1	۲		Ŕ		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F		
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive		
EC (67/54	48/EEC) IN	FORMATIC	DN:						

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GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment